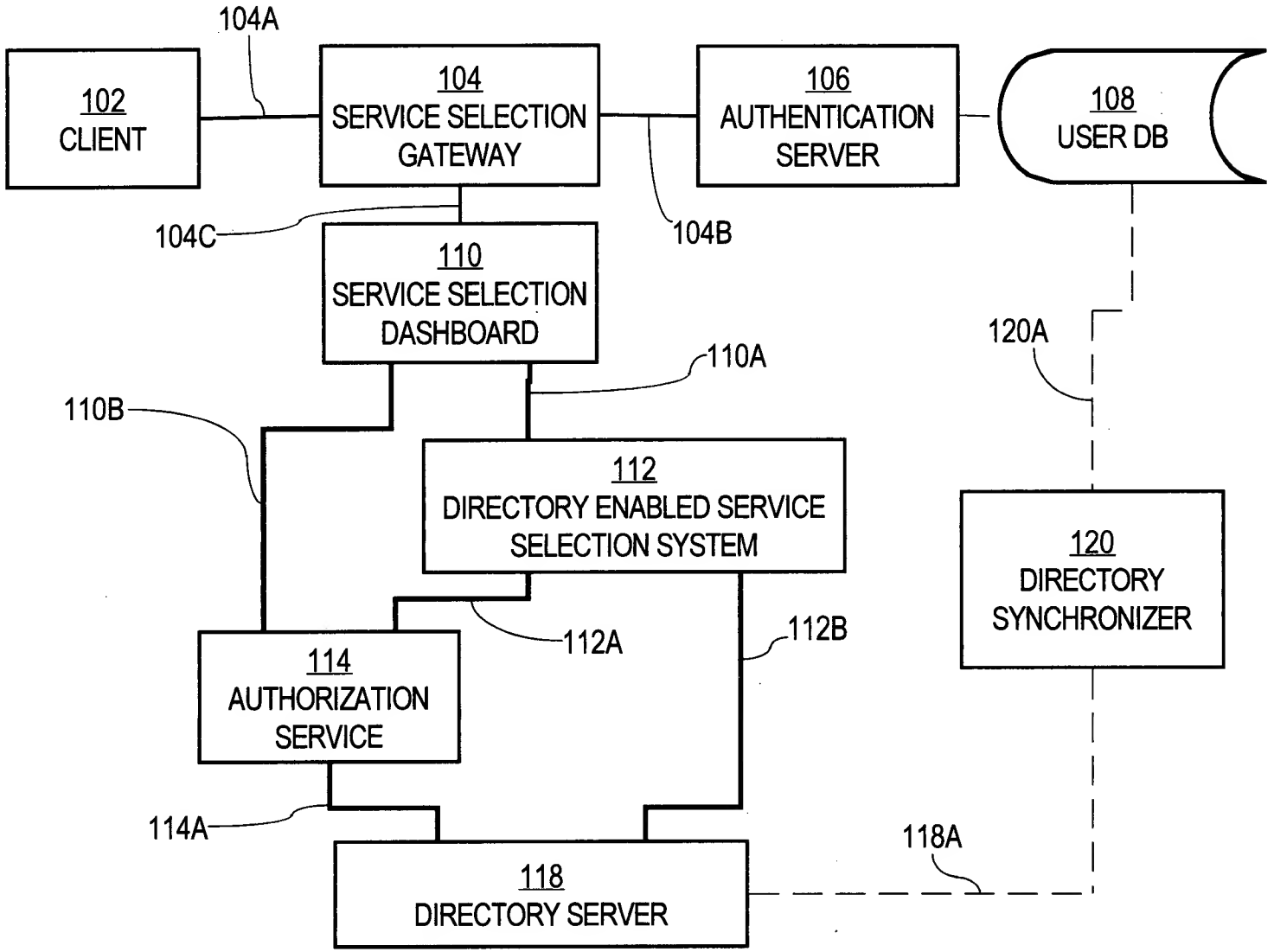
FOREIGN PATENT DOCUMENT

Fig. 1



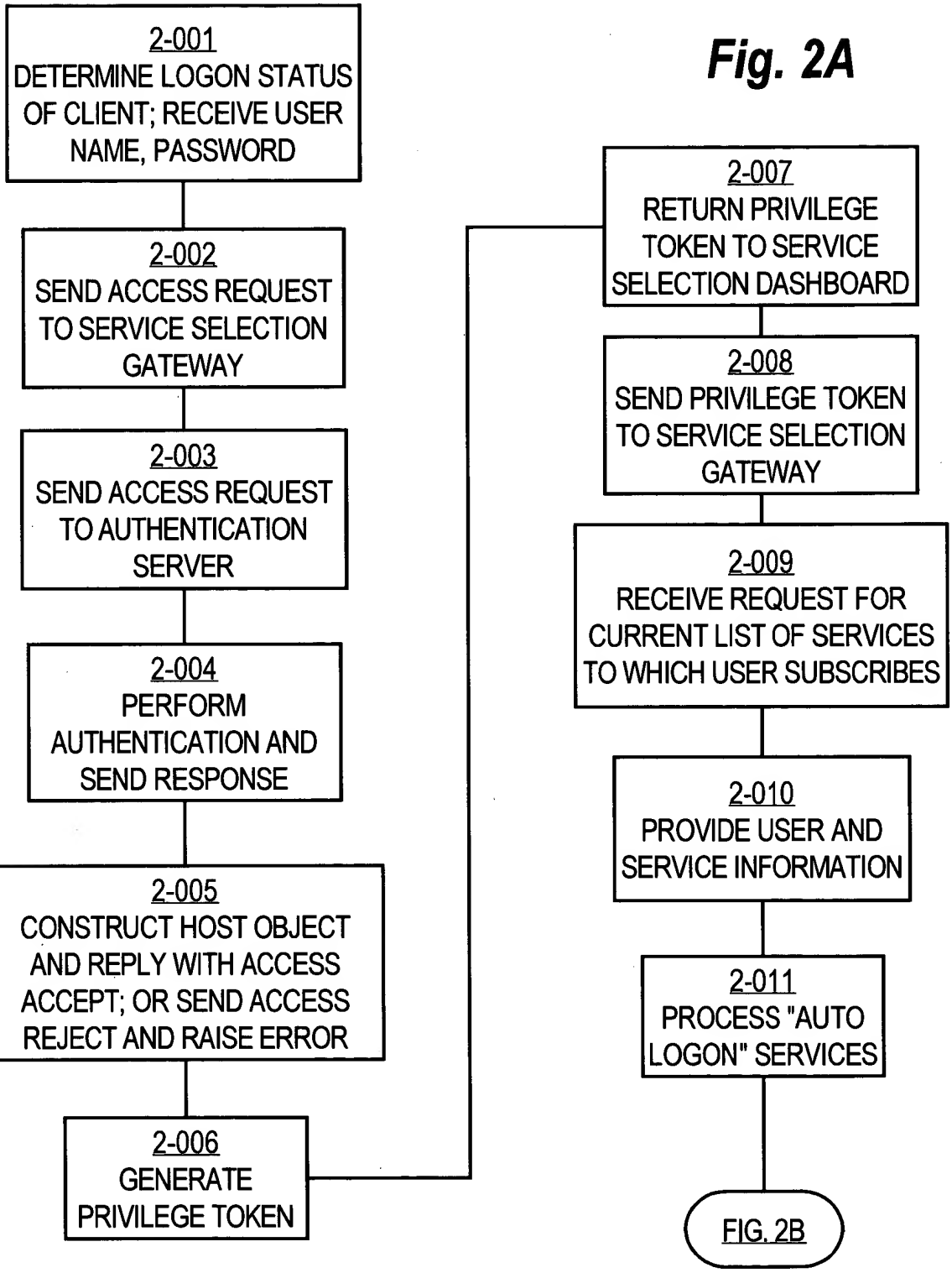

2-001
DETERMINE LOGON STATUS OF CLIENT; RECEIVE USER NAME, PASSWORD
2-002
SEND ACCESS REQUEST TO SERVICE SELECTION GATEWAY
2-003
SEND ACCESS REQUEST TO AUTHENTICATION SERVER
2-004
PERFORM AUTHENTICATION AND SEND RESPONSE
2-005
CONSTRUCT HOST OBJECT AND REPLY WITH ACCESS ACCEPT; OR SEND ACCESS REJECT AND RAISE ERROR
2-006
GENERATE PRIVILEGE TOKEN
2-007
RETURN PRIVILEGE TOKEN TO SERVICE SELECTION DASHBOARD
2-008
SEND PRIVILEGE TOKEN TO SERVICE SELECTION GATEWAY
2-009
RECEIVE REQUEST FOR CURRENT LIST OF SERVICES TO WHICH USER SUBSCRIBES
2-010
PROVIDE USER AND SERVICE INFORMATION
2-011
PROCESS "AUTO LOGON" SERVICES
FIG. 2B

Fig. 2A

Attorney Docket No. 57960.0010

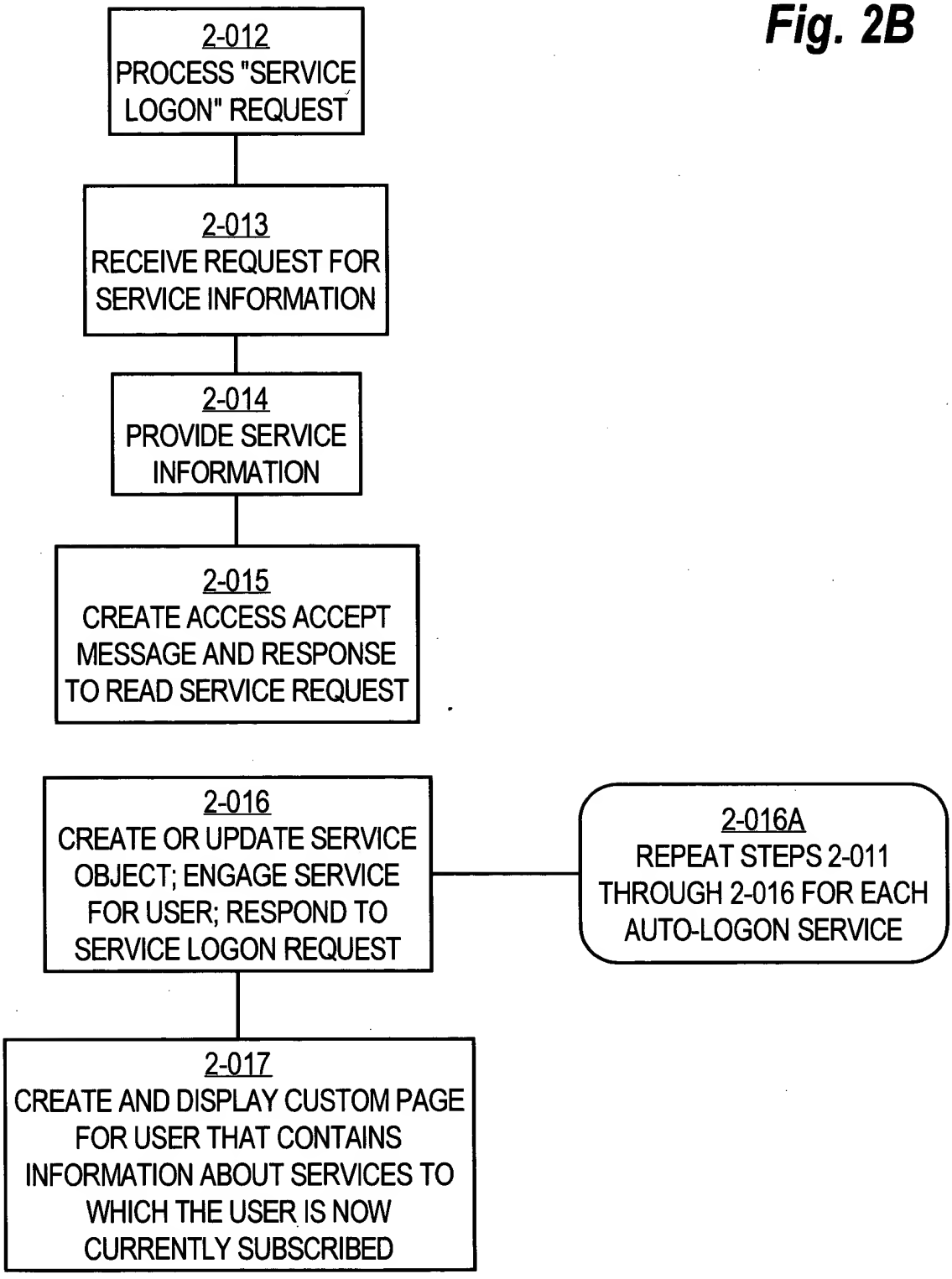
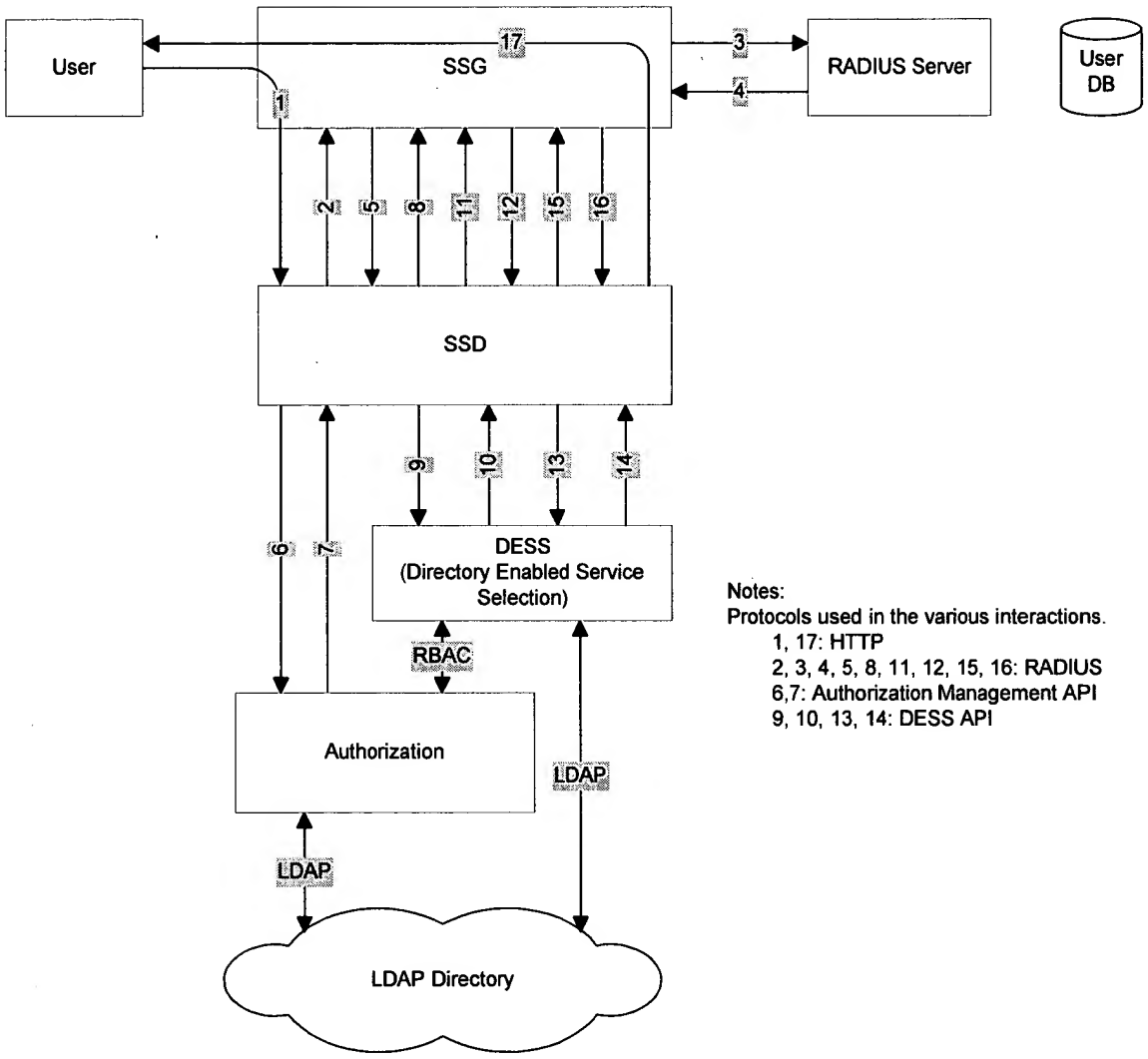


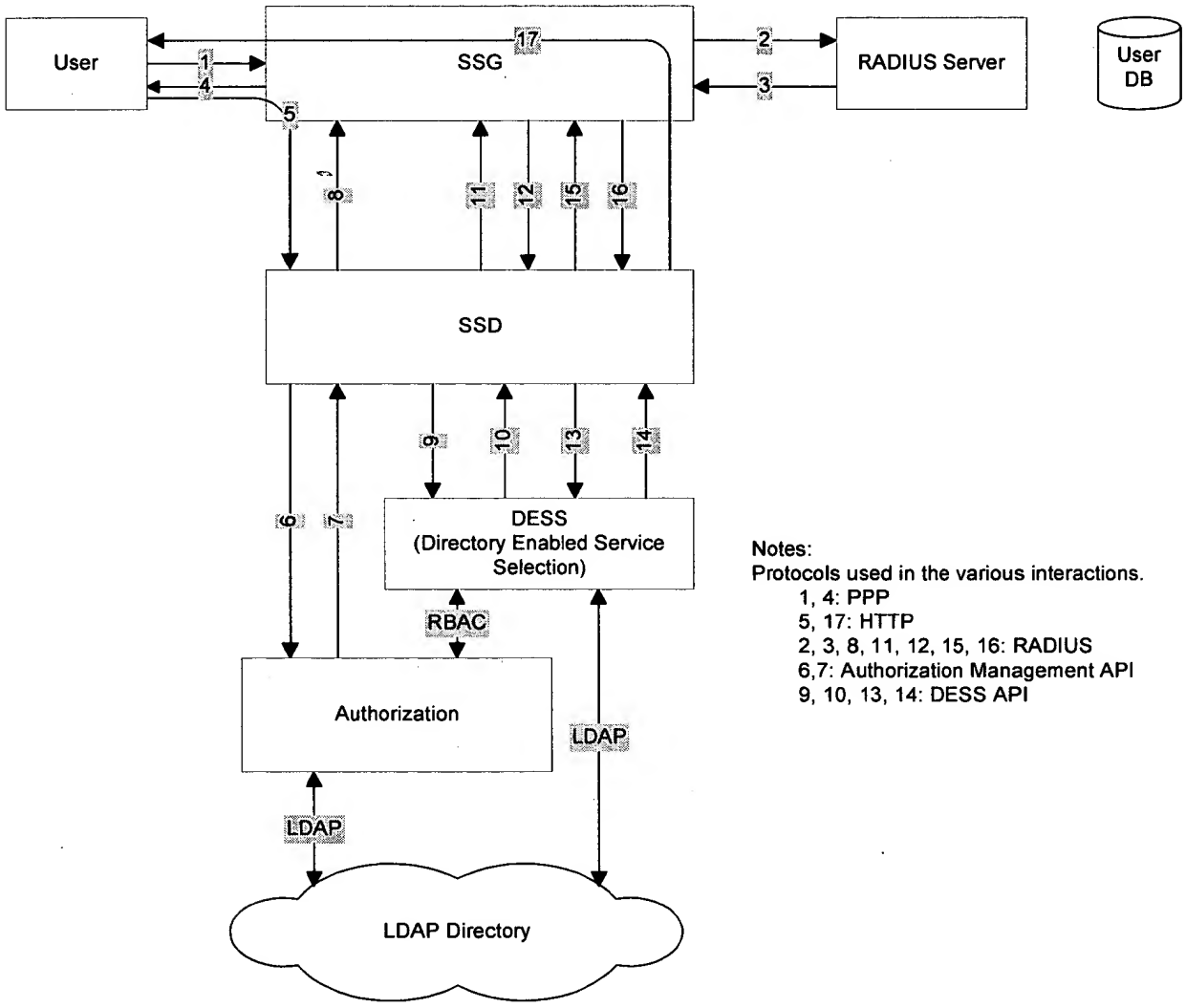
Fig. 2B

Fig. 2C



Notes:
Protocols used in the various interactions.
1, 17: HTTP
2, 3, 4, 5, 8, 11, 12, 15, 16: RADIUS
6,7: Authorization Management API
9, 10, 13, 14: DESS API

Fig. 3



Notes:
Protocols used in the various interactions.
1, 4: PPP
5, 17: HTTP
2, 3, 8, 11, 12, 15, 16: RADIUS
6,7: Authorization Management API
9, 10, 13, 14: DESS API

Fig. 4A

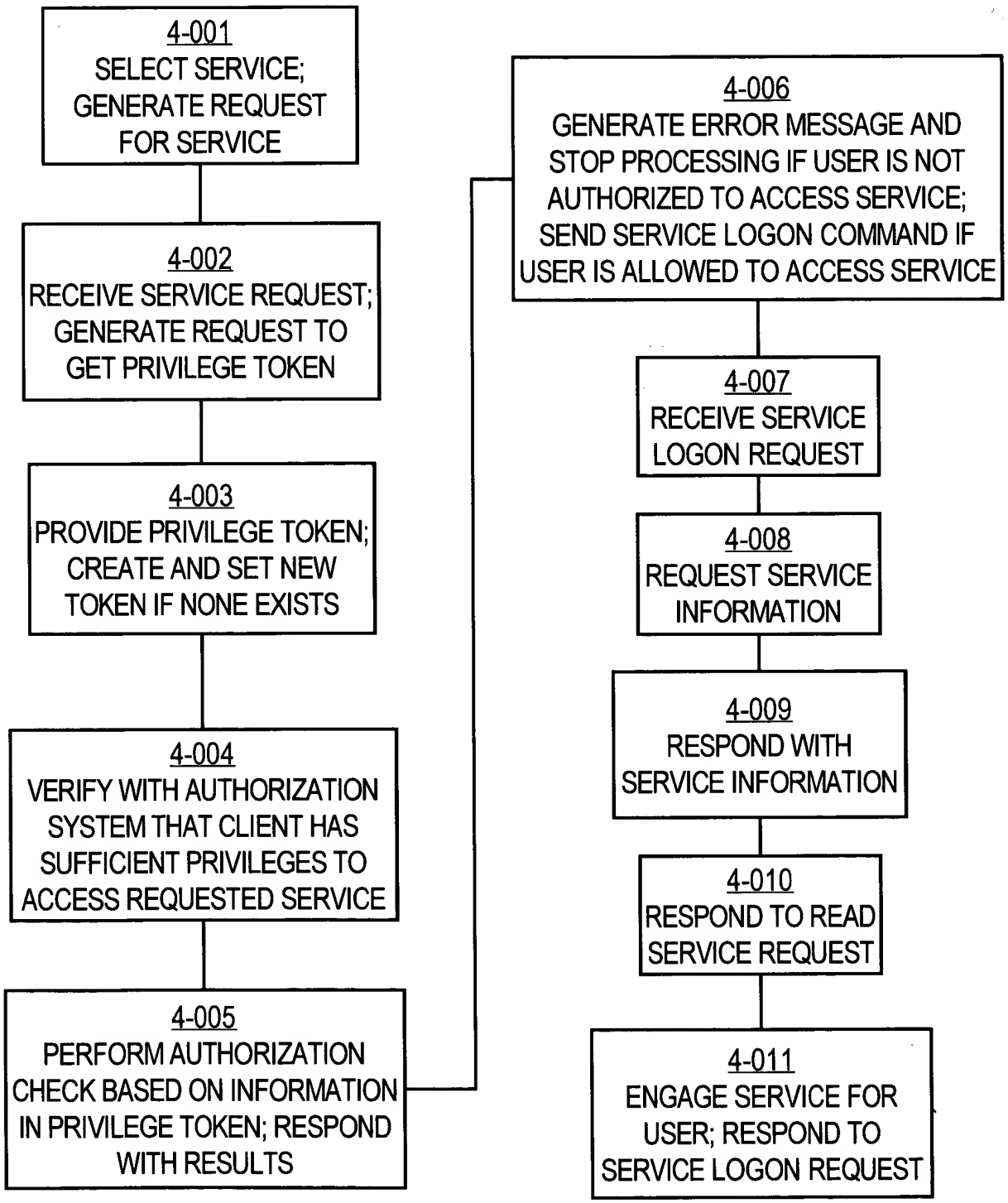
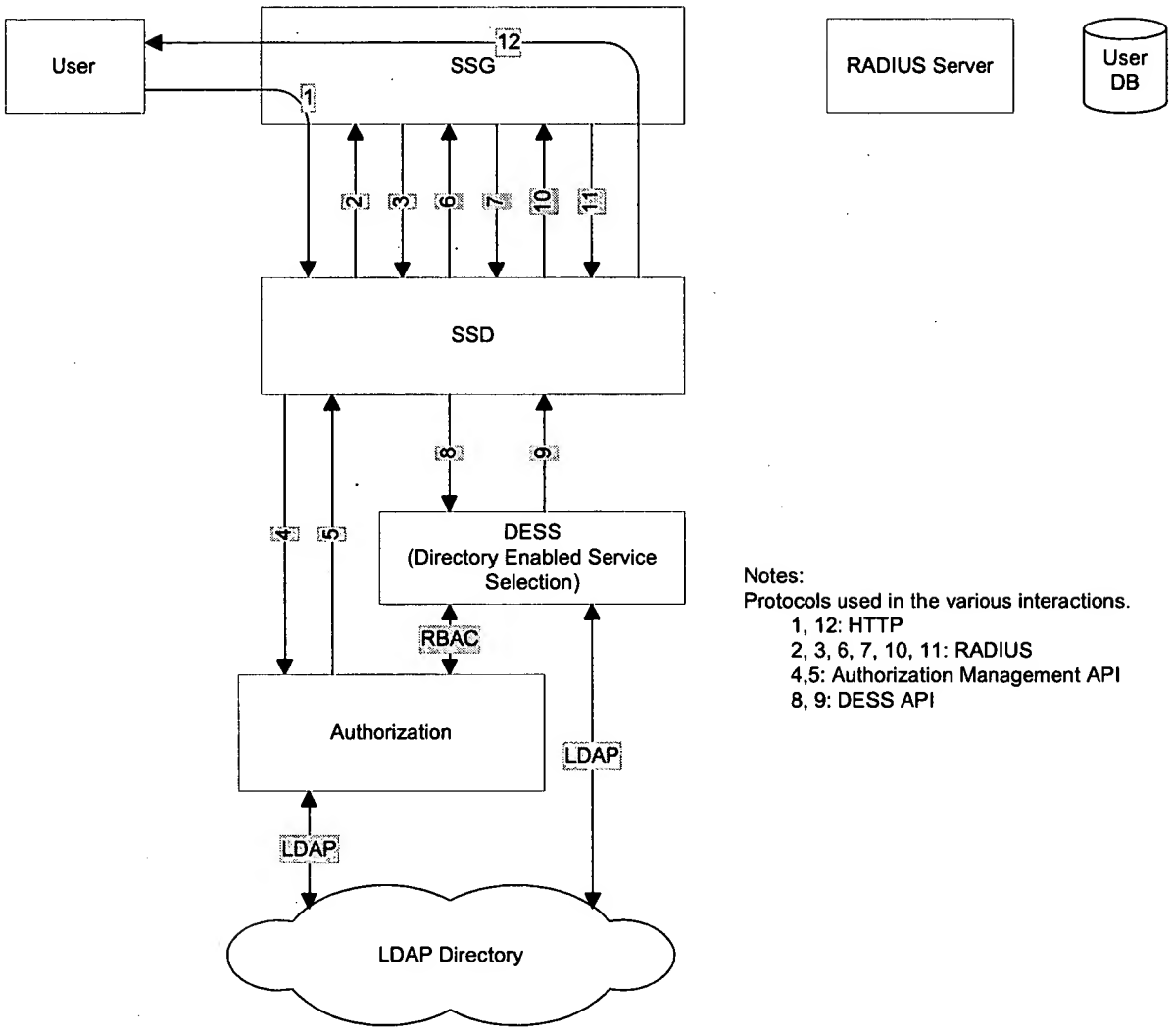

4-001
SELECT SERVICE; GENERATE REQUEST FOR SERVICE
4-002
RECEIVE SERVICE REQUEST; GENERATE REQUEST TO GET PRIVILEGE TOKEN
4-003
PROVIDE PRIVILEGE TOKEN; CREATE AND SET NEW TOKEN IF NONE EXISTS
4-004
VERIFY WITH AUTHORIZATION SYSTEM THAT CLIENT HAS SUFFICIENT PRIVILEGES TO ACCESS REQUESTED SERVICE
4-005
PERFORM AUTHORIZATION CHECK BASED ON INFORMATION IN PRIVILEGE TOKEN; RESPOND WITH RESULTS
4-006
GENERATE ERROR MESSAGE AND STOP PROCESSING IF USER IS NOT AUTHORIZED TO ACCESS SERVICE; SEND SERVICE LOGON COMMAND IF USER IS ALLOWED TO ACCESS SERVICE
4-007
RECEIVE SERVICE LOGON REQUEST
4-008
REQUEST SERVICE INFORMATION
4-009
RESPOND WITH SERVICE INFORMATION
4-010
RESPOND TO READ SERVICE REQUEST
4-011
ENGAGE SERVICE FOR USER; RESPOND TO SERVICE LOGON REQUEST

Fig. 4B



Notes:
Protocols used in the various interactions.
1, 12: HTTP
2, 3, 6, 7, 10, 11: RADIUS
4,5: Authorization Management API
8, 9: DESS API

Fig. 5A

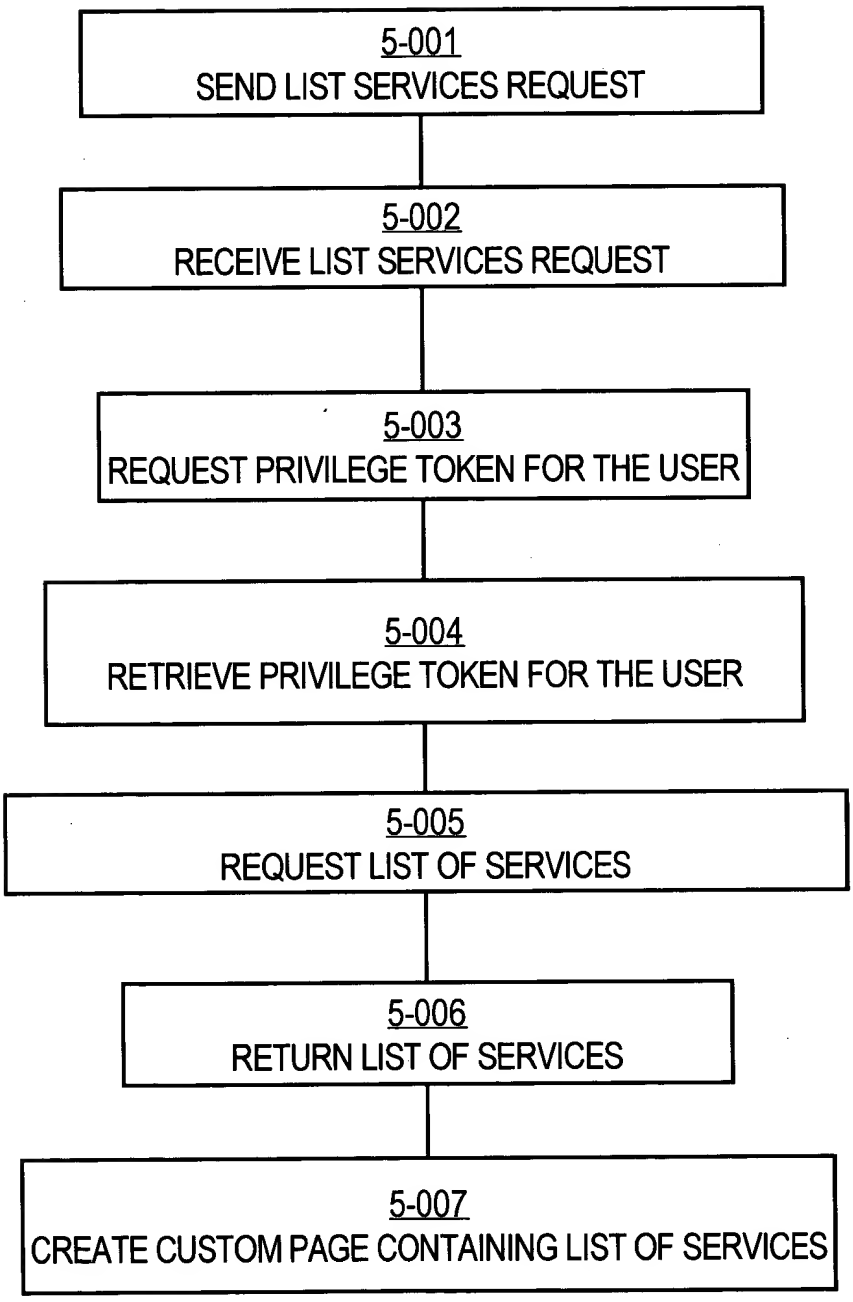

5-001
SEND LIST SERVICES REQUEST
5-002
RECEIVE LIST SERVICES REQUEST
5-003
REQUEST PRIVILEGE TOKEN FOR THE USER
5-004
RETRIEVE PRIVILEGE TOKEN FOR THE USER
5-005
REQUEST LIST OF SERVICES
5-006
RETURN LIST OF SERVICES
5-007
CREATE CUSTOM PAGE CONTAINING LIST OF SERVICES

Fig. 5B

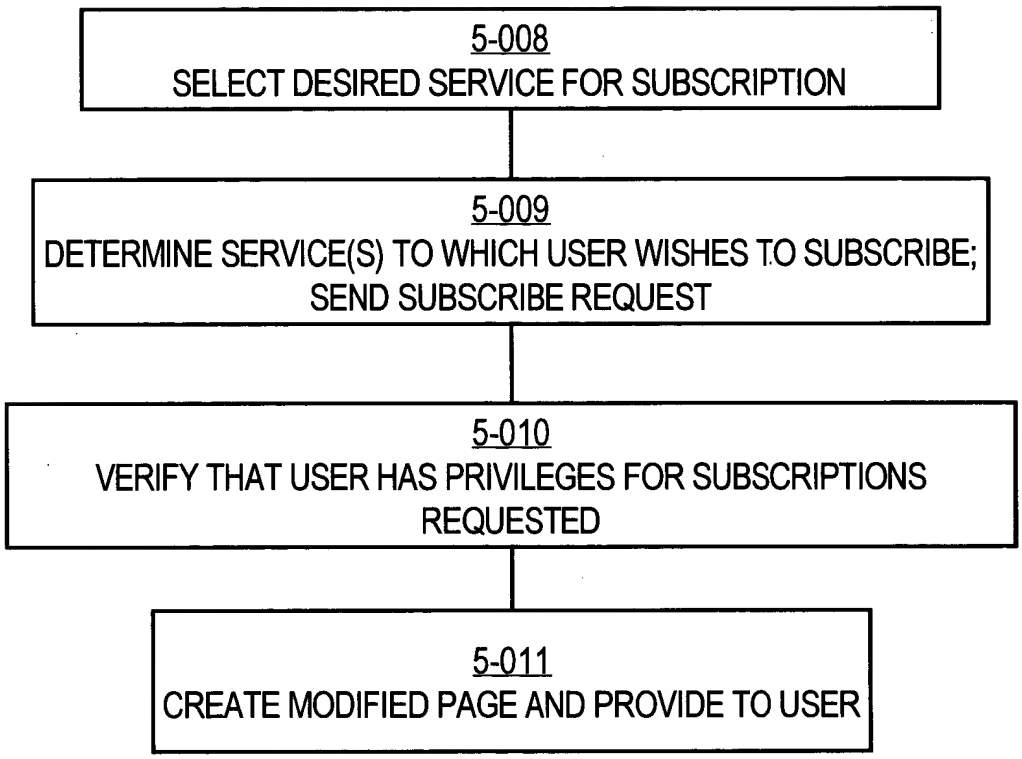
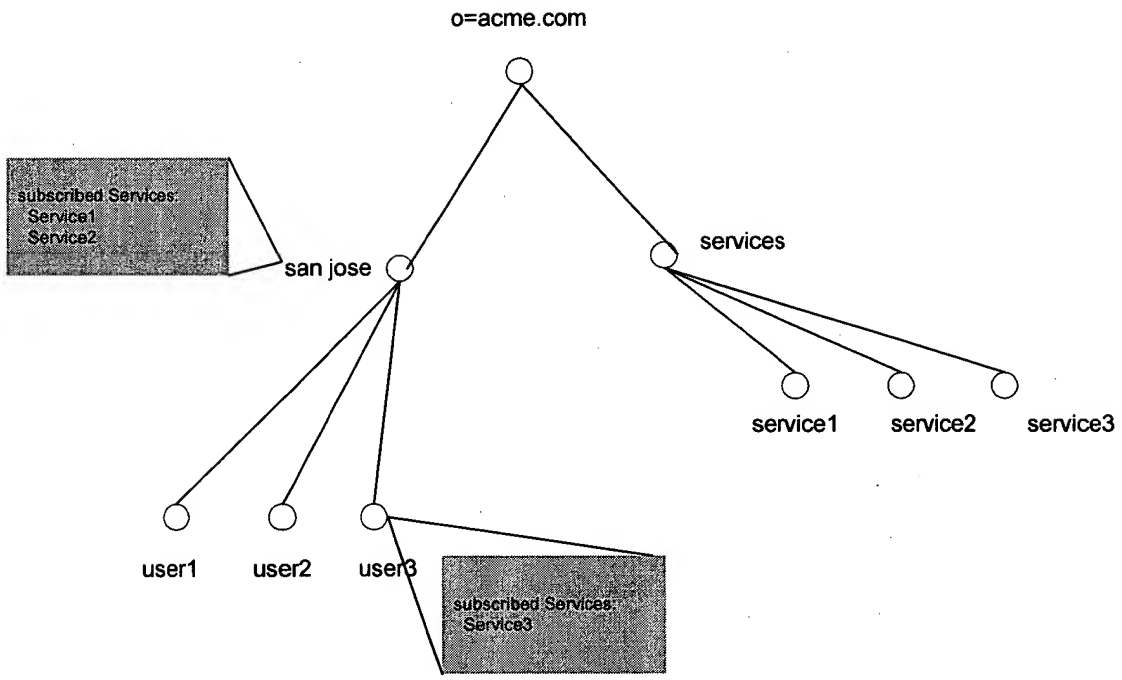

5-008
SELECT DESIRED SERVICE FOR SUBSCRIPTION
5-009
DETERMINE SERVICE(S) TO WHICH USER WISHES TO SUBSCRIBE; SEND SUBSCRIBE REQUEST
5-010
VERIFY THAT USER HAS PRIVILEGES FOR SUBSCRIPTIONS REQUESTED
5-011
CREATE MODIFIED PAGE AND PROVIDE TO USER

Fig. 6


o=acme.com
subscribed Services:
Service1
Service2
san jose
services
service1
service2
service3
user1
user2
user3
subscribed Services:
Service3

FOREIGN PUBLICATION

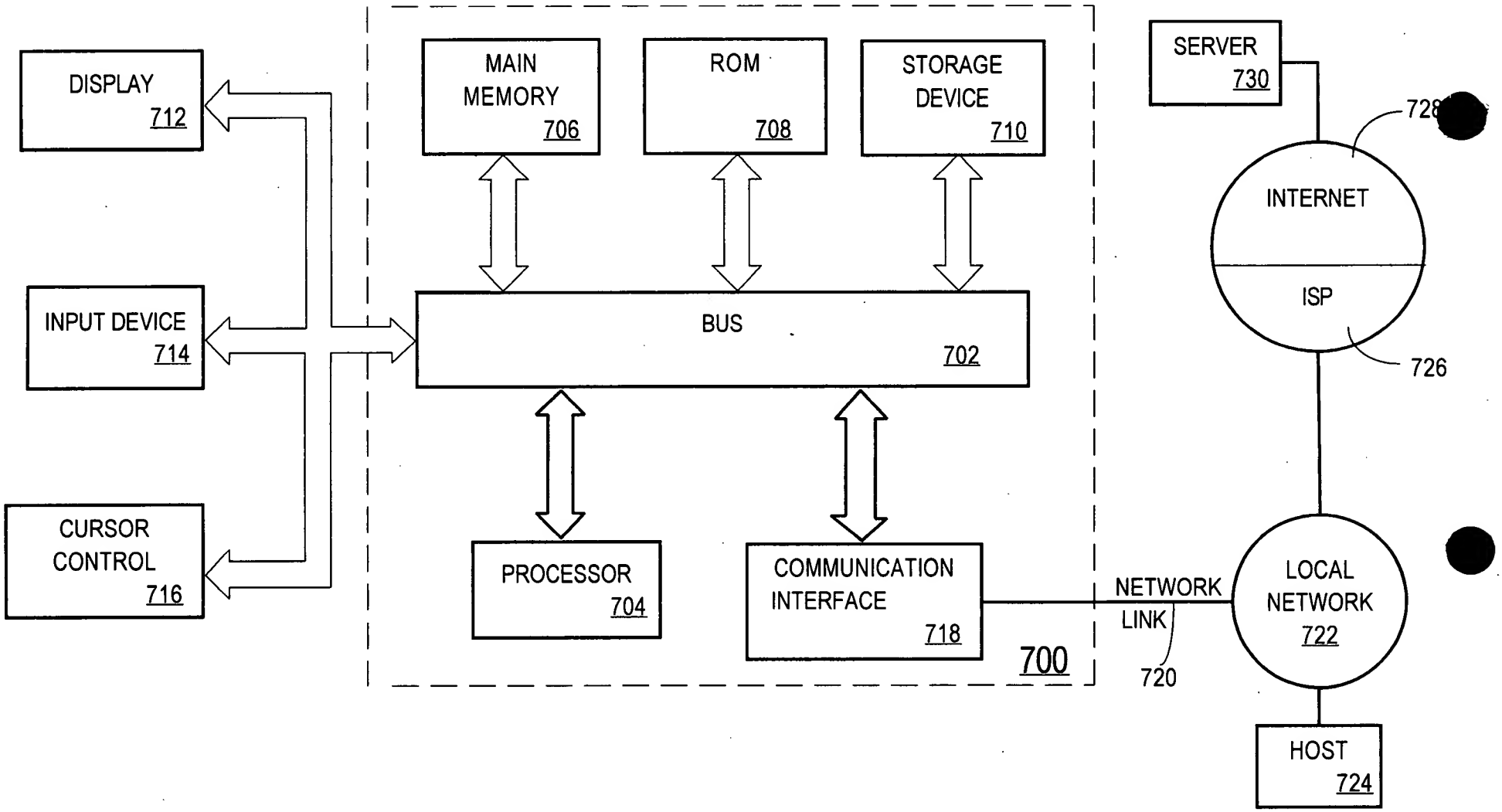



Fig. 7